

COMMENTS
DRAFT LOW RESOLUTION CORING SUPPLEMENTAL SAMPLING PROGRAM ADDENDUM SECOND
SUPPLEMENTAL SAMPLING PROGRAM QUALITY ASSURANCE PROJECT PLAN
DATED SEPTEMBER 2013

General Comments

<u>No.</u>	<u>Comment</u>
1	As we have discussed, several of the locations EPA indicated on the annotated map sent on August 23, 2013 were not included in the QAPP. Please refer to EPA's email dated September 17, 2013 for additional detail on these locations. We can discuss as necessary.
2	As we have discussed, rather than analyze a composite sample from 2.5 feet to refusal, please analyze just a bottom sample. However, please retain 1-foot sections of the core for potential future analysis if the results indicate a need.
3	It is stated several times in the QAPP that if not enough sediment is collected at a sample location, the priority analyte list will be employed. For ease of reference, please include this list.
4	American Society for Testing and Materials (ASTM) should change to ASTM International throughout the document.

Specific Comments

<u>No.</u>	<u>Page No.</u>	<u>Comment</u>
5	Introduction, Page 3	In the Sampling Depth paragraph, please add a brief explanation of why some of the locations will only be grabs. In addition, note that at locations where it turns out a coring is not possible, at least a grab sample will be collected.
6	Acronym List, Page 3	Change "NISTN" to "NIST"
7	Worksheet #3, Page 2	Please delete Pat Connelly and associated information and replace with Jeff Rakowski, rakowskijj@cdmsmith.com, (732) 675-0159, fix spelling by changing "Molner" to "Molnar" and change phone number for George Molnar to (732) 590-4633. Also, please change the NJDEP contact to Jay Nickerson.
8	Worksheet #10	The last sentence of the first paragraph should be changed to state "...provide information on the surficial and vertical extent of COPCs as well as...." Note that this is stated correctly in Worksheet # 11.
9	Worksheet #11, Pages 1 through 10	Data Quality Objective 1 in the table reads as follows: "Complete the chemical nature and extent characterization...." However, on page 2 of the Introduction under the heading, Data Quality Objectives, DQO 1 reads "Provide additional characterization of the nature and extent of sediment chemistry...." Please consistently use the language from Page 2 of the introduction.
10	Worksheet #11, Page 7, DQO Step 5 under Anticipated Data Evaluations, fourth bullet	Recommend revising "to relevant screening benchmarks" to read "...to relevant ecological and human health screening benchmarks..." or similar. Would also recommend adding a sixth bullet similar to the original LRC SSP QAPP, "Evaluate AVS/SEM and nutrient data in surface sediments to characterize potential effect on ecological risk" since the analysis of both groups of parameters are planned for this effort.
11	Worksheet #11, Page 12, last bullet	Please further elaborate on what these physical evaluations consist of, and what criteria are being used to select the locations where these evaluations are to be conducted. If this bullet is in error, please delete, as it is mentioned nowhere else in the document or rename or rephrase to specify the physical tests listed on Worksheet 23 if this is what is meant by this bullet.

12	Worksheet #11, Page 15, first paragraph, last sentence under the heading Description	There's a typo – datw should be date. In addition, suggest modifying the rest of the sentence to read: "The submission date of the Draft RI Report to USEPA will not be extended to allow incorporation of this data in the report. The data will be fully incorporated into the next revision, or updated version, of the RI Report."
13	Worksheet #12, Pages 2, and 3	The requirement for analysis of a certified reference material has been removed from the PAH/alkyl PAH and organochlorine pesticide methods. Since this QC element was a requirement on the previous SSP investigation it should remain for SSP2, or provide an explanation for why it should not be included.
14	Worksheet #15, Page 28	Method for aluminum should be USEPA 6010B.
15	Worksheet #15, Page 30	Please delete the extra spaces between the decimal point and 15 under the DQL column.
16	Worksheet #20, Page 2	Please add "c" to identify footnote c.
17	Worksheet #21, Page 2	Please delete "d" from dGPS.
18	Worksheet #23, Page 5	The worksheet indicates that a modification for the chlorinated dioxins/furans method is being made. Please provide additional clarification on this.
19	Worksheet #28, Pages 4, 7, 9 and 14	Information on the CRMs are missing for PAH/alkyl PAH, organochlorine pesticide, PCB and PCDD/PCDF analyses.